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CENTRAL INTELLIGENCE AGENCY

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Radicactive Minerals

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THIS SOCRECT CONTAINS INFORMATION AFFECTING THE NATIONAL OFFERING OF THE EMPIRED STATES WITHIN THE GEARING OF THE ESPICIAGE ACT SO U.S. C. 31 AND 52. AS AREFORDED. THE THANKESTRICK OF THE EXPELIPMENT OF THE COMPLETE IS ANT MANAGES TO AS CHARTMOST PROMISETING. HOW-NETS, MICHAELTON CONTAINED TO THE FORM MAY FE UTILIZED AS BASINESS RECEIPMENT BY THE ESCRIPTING AREAST. THIS IS UNEVALUATED INFORMATION FOR THE RESEARCH USE OF TRAINED INTELLIGENCE ANALYSTS

SOURCE Documentary as indicated. (Information specifically requested.)

## DEPOSITS OF RADIOACTIVE MINERALS IN THE USSR

/The following are translated excerpts from two captured files of German documents, CMDS, AGO Doc No Wi/ID 2.1258B and Wi/ID 2.1306.7

## A. Doc No W1/ID 2.1258B

ORW / Vi-Amt Ag. Vi M 2/I 3 Berlin NW 7 21 September 1942 Fconomic Staff Fast B.Nr. 6881/o / 42)

Dorotheenstr. 77/78

On AW1FU/AOK 17

Subject: Radium and Uranium Deposite
Reference: Nome

According to the data of the Geological Bureau in **Eramodar**, Kirbichnaya 42, radium and uranium deposits are found on the Belaya River near the town of Dakhovskaya AAF Chart 249; political location, Krasnodar Eray.

The chemical analysis is as follows: uranium oxide, 9.4 percent; vanadium oxide, 9.86 percent; boron sulfate, 5.84 percent.

Rocks with medium radioactivity and 1.7 x  $10^{-11}$  grams of radium per gram of rock are found on the Laba River /AAF Charts 249, 324; political location, Krasnodar Kray and Georgian SSR/.

Nocks with medium radioactivity and ?.8 x 10-12 grams of radium per gram of rock are found on the Belaya River /AAF Charts 249, 3247.

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Rocks with medium radioactivity and 6.1 x 10-12 grams of radium per gram of rock are found on the Mzymta River [AAF Chatt 324; political location, Krasnodar Kray; Mzymta River empties into the Black Sea at Adler].

Further prospecting is necessary before the value of exploitation can be determined.

/s/ Beulwitz Captain and Commanding Officer

## B. Doc No W1/ID 2.1306

1. Typewritten document entitled "Notes Concerning a Trip to the USSR in Commection With the Geological Congress in Moscow, July-August 1937, by G. Betier, Annales des Mines, 13. Serie, Bd. XVI, Paris 1939":

Radium Ores. To the old deposits of Ruya-Monin are to be added: Taboshar, Tagakhebe, and Maily Su. /Taboshar, AAF Chart 328; Maily Su probably Maily Sai, AAF Chart 328/

- 2. Typewritten list of reports available at Economic Staff Fast, Berlin, 10 February 1943: "12/D/XII Radium and Uranium, Molybdenite, Nickel Sulfide and Nickel Arsenic Deposits in the Caucasus"
- 3. Mimeographed paper by V.A. Kuznetsov, entitled "High-Grade Steel and Raw Material Bases for Its Production in the Soviet Union":

Zircon is usually found in sands which also contain thorium. There are few worthwhile zircon deposits in the USSR. Endicrite and subolite, which contain small amounts of zircon, are found on the Kola Peninsula, in the Khibinskaya Tundra, on the Karelian Peninsula, and in the Loverskaya Tundra. Zircon and sporadic supearances of thorium are also found in gold-bearing sands. Such deposits of zircon and thorium occur in the Mishayaya Salda (Sverdlovak Oblast) gold sands, and are the largest in the Urals. Sands of a similar nature have been found in the Misss region and also in Central and Fastern Siberia."

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